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Comment : I assume that the fire sprinkler risers were broken by the planes crashing thru the bldg. I assume that if those risers had been located within cast-in-place concrete shear wall stairwells, they would not have been broken. I suspect that if sprinklers within the fire floors had been activated, that the large amount of water they could have put into the fires -even if it would not have controlled the fires and even if it would not have prevented some of the flammable materials from igniting- would have mostly been boiled. The energy to boil this much water would have significantly reduced the amount of heat energy transferred into the steel structure. Maybe the combustibles would all have been fully burnt before the steel failed. In that case, the buildings would not have collapsed.

Comment Reason :

Revision Suggestion :

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